

Message

From: Joy Dunay [jdunay@anchorqea.com]
Sent: 11/4/2019 5:38:37 PM
To: Sanga, Ravi [Sanga.Ravi@epa.gov]; Hoffman, Erika [Hoffman.Erika@epa.gov]; Brick Spangler [Spangler.B@portseattle.org]; dberlin@anchorqea.com
CC: Sloan, Jon [Sloan.J@portseattle.org]; Brick Spangler [Spangler.B@portseattle.org]
Subject: RE: [EXTERNAL] RE: T25 Sediment Tier 2 Sample Analysis Recommendations
Attachments: T25-SedTier3Triggers_10.03.2019.xlsx; Final_T25_SedChar2019_20190926.xlsx

Flag: Follow up

Hi Ravi and Erika,

Due to hold times, the Port would like to move forward with Tier 3 testing. Please let me know if you have any questions on our proposed path forward. Would it be possible to get EPA approval this week?

Thank you,

Joy Dunay
Environmental Scientist
206.903.3320

From: Joy Dunay
Sent: Tuesday, October 8, 2019 7:52 AM
To: Sanga, Ravi <Sanga.Ravi@epa.gov>; Hoffman, Erika <Hoffman.Erika@epa.gov>; Brick Spangler <Spangler.B@portseattle.org>; Dan Berlin <dberlin@anchorqea.com>
Cc: Sloan, Jon <Sloan.J@portseattle.org>; Brick Spangler <Spangler.B@portseattle.org>
Subject: RE: [EXTERNAL] RE: T25 Sediment Tier 2 Sample Analysis Recommendations

Hi Ravi and Erika,

The validated Tier 2 sediment results are attached for your review. There are SMS exceedances of one or more chemical in all of the samples analyzed, so we are proposing to analyze additional sample archives using the same rationale as the Tier 2 testing. The T25-SedTier3Triggers excel file provides the proposed testing and rationale for each sample.

I've also included the sample location figure and boring logs to assist with your review. These haven't changed since I sent them back in June.

Let us know if you have any questions or need additional information. Upon EPA's approval we will request analysis of these additional samples.

Thanks,

Joy Dunay
Environmental Scientist
206.903.3320

From: Sanga, Ravi <Sanga.Ravi@epa.gov>
Sent: Friday, August 2, 2019 12:09 PM
To: Joy Dunay <jdunay@anchorqea.com>; Hoffman, Erika <Hoffman.Erika@epa.gov>; Brick Spangler <Spangler.B@portseattle.org>; Dan Berlin <dberlin@anchorqea.com>
Cc: Sloan, Jon <Sloan.J@portseattle.org>; Brick Spangler <Spangler.B@portseattle.org>
Subject: RE: [EXTERNAL] RE: T25 Sediment Tier 2 Sample Analysis Recommendations

To: Brick Spangler <Spangler.B@portseattle.org>; Sanga, Ravi <Sanga.Ravi@epa.gov>; dberlin@anchoragea.com;
Hoffman, Erika <Hoffman.Erika@epa.gov>
Cc: Sloan, Jon <Sloan.J@portseattle.org>; Brick Spangler <Spangler.B@portseattle.org>
Subject: RE: [EXTERNAL] RE: T25 Sediment Tier 2 Sample Analysis Recommendations

Great, I'll trigger these samples for analysis.

Thanks,

Joy Dunay

Environmental Scientist
206.903.3320

From: Spangler, Brick <Spangler.B@portseattle.org>
Sent: Thursday, July 18, 2019 3:27 PM
To: Sanga, Ravi <Sanga.Ravi@epa.gov>; Dan Berlin <dberlin@anchoragea.com>; Joy Dunay <jdunay@anchoragea.com>;
Hoffman, Erika <Hoffman.Erika@epa.gov>
Cc: Sloan, Jon <Sloan.J@portseattle.org>; Brick Spangler <Spangler.B@portseattle.org>
Subject: RE: [EXTERNAL] RE: T25 Sediment Tier 2 Sample Analysis Recommendations

Thanks Ravi

Brick Spangler
Sr Environmental Program Manager
Port of Seattle
PO Box 1209
Seattle, WA 98111
P: 206-787-3193
C: Ex. 6 Personal Privacy (PP)
E: spangler.b@portseattle.org

From: Sanga, Ravi <Sanga.Ravi@epa.gov>
Sent: Thursday, July 18, 2019 3:26 PM
To: dberlin@anchoragea.com; Joy Dunay <jdunay@anchoragea.com>; Hoffman, Erika <Hoffman.Erika@epa.gov>
Cc: Spangler, Brick <Spangler.B@portseattle.org>; Sloan, Jon <Sloan.J@portseattle.org>
Subject: [EXTERNAL] RE: T25 Sediment Tier 2 Sample Analysis Recommendations

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Dan EPA is fine with the trigger recommendations. Go ahead and move forward with the analysis.

From: Dan Berlin <dberlin@anchoragea.com>
Sent: Tuesday, July 16, 2019 1:17 PM
To: Joy Dunay <jdunay@anchoragea.com>; Sanga, Ravi <Sanga.Ravi@epa.gov>; Hoffman, Erika <Hoffman.Erika@epa.gov>
Cc: Brick Spangler <Spangler.B@portseattle.org>; 'Sloan, Jon' <Sloan.J@portseattle.org>
Subject: RE: T25 Sediment Tier 2 Sample Analysis Recommendations

We have not triggered the archives yet, so please confirm that you agree with the trigger recommendations at your earliest convenience!

Thanks

Dan

Dan Berlin, PWS

Principal

ANCHOR QEA, LLC

From: Joy Dunay <jdunay@anchoragea.com>

Sent: Tuesday, July 16, 2019 9:26 AM

To: Sanga, Ravi <Sanga.Ravi@epa.gov>; 'Hoffman, Erika' <Hoffman.Erika@epa.gov>

Cc: Brick Spangler <Spangler.B@portseattle.org>; 'Sloan, Jon' <Sloan.J@portseattle.org>; Dan Berlin <dberlin@anchoragea.com>

Subject: RE: T25 Sediment Tier 2 Sample Analysis Recommendations

Hi Ravi and Erika,

I'm just checking in on the T25 Sediment Tier 2 sample trigger recommendations.

Let me know if you agree with our proposed path forward or have any questions.

Thank you,

Joy Dunay

Environmental Scientist

206.903.3320

From: Joy Dunay

Sent: Friday, June 21, 2019 9:43 AM

To: Sanga, Ravi <Sanga.Ravi@epa.gov>; 'Hoffman, Erika' <hoffman.erika@epa.gov>

Cc: Brick Spangler <Spangler.B@portseattle.org>; 'Sloan, Jon' <sloan.j@portseattle.org>; Dan Berlin <dberlin@anchoragea.com>

Subject: T25 Sediment Tier 2 Sample Analysis Recommendations

Hi Ravi and Erika,

Thank you for meeting on June 11th to discuss the T25 sediment results. Attached is a table that shows all of the sediment samples collected and our suggested Tier 2 triggers with rationale for each location.

The actual sample location figure, preliminary (unvalidated) chemistry results table, and boring logs are included to assist with your review.

Let us know if you have any questions or need additional information. Upon EPA's approval we will request analysis of these additional samples.

Thank you,

Joy Dunay

Environmental Scientist

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C Ex. 6 Personal Privacy (PP)

ANCHOR QEA, LLC

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